

IN THE CLAIMS

Please cancel claims 1-12, 25, and 27-39 without prejudice.

Please amend claims 13 and 40-44 as follows:

E1 sub-F1 13. (Amended Five Times) A system for managing a network device from a remote client, the system comprising:

a network device control software program included in the network device, the network device control software program comprising:

a binary file comprising a downloadable unit embedded in the binary file, the downloadable unit including a communicator component for establishing a communications channel between the remote client and the network device control software program, an interface component for enabling the remote client to communicate with the network device control software program, and a configuration component for managing the network device;

an extractor for extracting the embedded downloadable unit from the binary file;

a web server for communicating with the remote client and for transmitting the downloadable unit to the remote client;

a communicator for receiving and interpreting commands from the remote client to the network device; and

a configuration component for performing commands from the remote client on the network device,

wherein the remote client utilizes the downloadable unit to manage the network device.

E2 sub-F1 40. (Amended Three Times) A method comprising:

receiving from a remote client at a network device a request to manage the network device, the network device including a network device control software program having a binary file;

locating a downloadable unit which corresponds to the request and is embedded in the binary file;

extracting the downloadable unit from the binary file; and

forwarding the downloadable unit to the remote client,

wherein the remote client utilizes the downloadable unit to manage the network device.

41. (Amended Twice) A system comprising:

means for receiving from a remote client at a network device a request to manage the network device, the network device including a network device control software program having a binary file;

means for locating a downloadable unit corresponding to the request embedded in the binary file;

means for extracting the downloadable unit from the binary file; and

means for forwarding the downloadable unit to the remote client,

wherein the remote client utilizes the downloadable unit to manage the network device.

42. (Amended Three Times) A computer-storage medium storing program code for causing a computer to perform the steps of:

receiving from a remote client at a network device a request to manage the network device, the network device including a network device control software program having a binary file;

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 locating a downloadable unit which corresponds to the request and is embedded in the binary file;

extracting the downloadable unit from the binary file; and

forwarding the downloadable unit to the remote client,

wherein the remote client utilizes the downloadable unit to manage the network device.

ES sub F17
 43. (Amended Four Times) A system comprising:

a web server for receiving from a remote client at a network device a request to manage a network device control software program which has a binary file with an embedded downloadable unit for performing the request,

the downloadable unit including:

a communicator component for establishing a communications channel between the remote client and the network device control software program,

an interface component for enabling the remote client to communicate with the network device control software program, and

a configuration component for managing the network device control software program;

an extractor coupled to the web server for extracting the downloadable unit from the binary file; and

a communicator coupled to the extractor for forwarding the downloadable unit to the remote client upon request of the remote client,

wherein the remote client utilizes the downloadable unit to manage the network device control software program.

2nd F17
44. (Amended Five Times) A method for modifying available remote device management services of a network device, the method comprising:

obtaining a new downloadable unit for performing a new service, the new downloadable unit including:

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a communicator component for establishing a communications channel between a remote client and the network device,

an interface component for enabling the remote client to communicate with the new downloadable unit, and

a configuration component for managing the network device;

retrieving a network device control software program binary file having an embedded old downloadable unit for performing an old service from the network device;

substituting the old downloadable unit with the new downloadable unit; and

loading the network device control software program binary file having the new downloadable unit embedded in the binary file onto the network device.

Please add claims 47-61 as follows:

2nd F17
47. (New) A network device, comprising:

a network device control software program comprising:

a downloadable unit embedded in the binary file, the downloadable unit including a communicator component for establishing a communications channel between a remote client and the network device control software program, an interface component for generating a user-interface to enable a user at the remote client to enter requests to configure the network device, and a configuration component for forwarding the requests from the remote client to the network device over the communications channel;

communication code that receives and interprets the requests forwarded from the remote client to the network device, and

configuration code that performs the requests to configure the network device.

48. (New) The network device of claim 47, further comprising a web server for communicating with the remote client and for transmitting the downloadable unit to the remote client upon request of the remote client, wherein the remote client utilizes the downloadable unit to manage the network device.

49. (New) The network device of claim 48, wherein the web server communicates with the remote client using a file transfer protocol.

50. (New) The network device of claim 48, wherein the web server communicates with the remote client using an internet protocol.

51. (New) The network device of claim 47, further comprising a network router.

52. (New) The network device of claim 47, wherein the downloadable unit includes a Java™ class.

53. (New) The network device of claim 47, wherein the downloadable unit includes an ActiveX™ control.

54. (New) The network device of claim 47, wherein the downloadable unit includes more than one downloadable unit.
55. (New) The network device of claim 54, wherein the downloadable units have been combined into downloadable unit bundles.
56. (New) The network device of claim 55, wherein the downloadable units have been combined into downloadable unit bundles according to downloadable unit function.
57. (New) The network device of claim 55, wherein the downloadable units have been combined into downloadable unit bundles according to version information.
58. (New) The network device of claim 47, wherein the network device control software program includes an operating system.
59. (New) The network device of claim 58, further comprising a router.
60. (New) The network device of claim 47, wherein the network device control software program includes extractor code for extracting the embedded downloadable unit.
61. (New) The network device of claim 47, wherein the network device control software program is currently executing on the network device.
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